

01/14

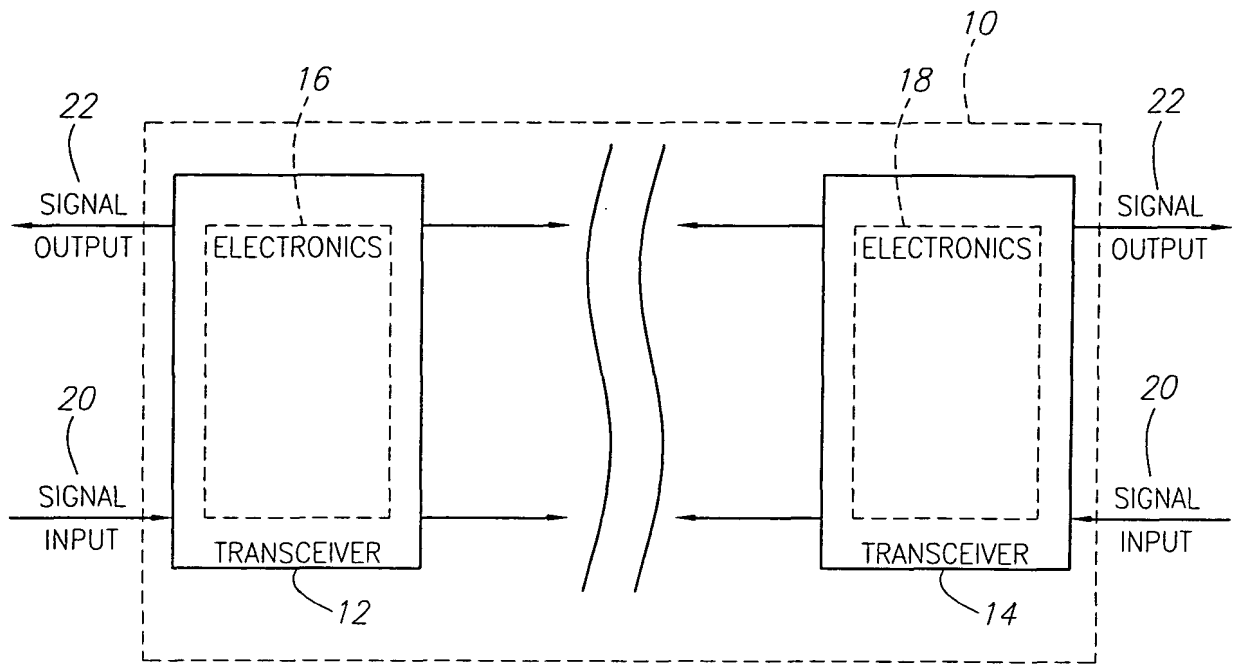


FIG. 1

02/14

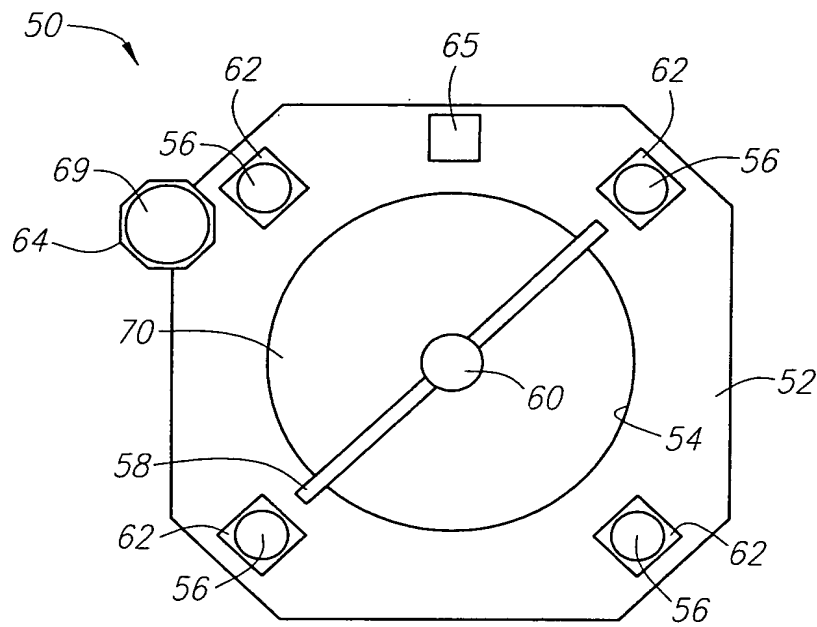


FIG. 2

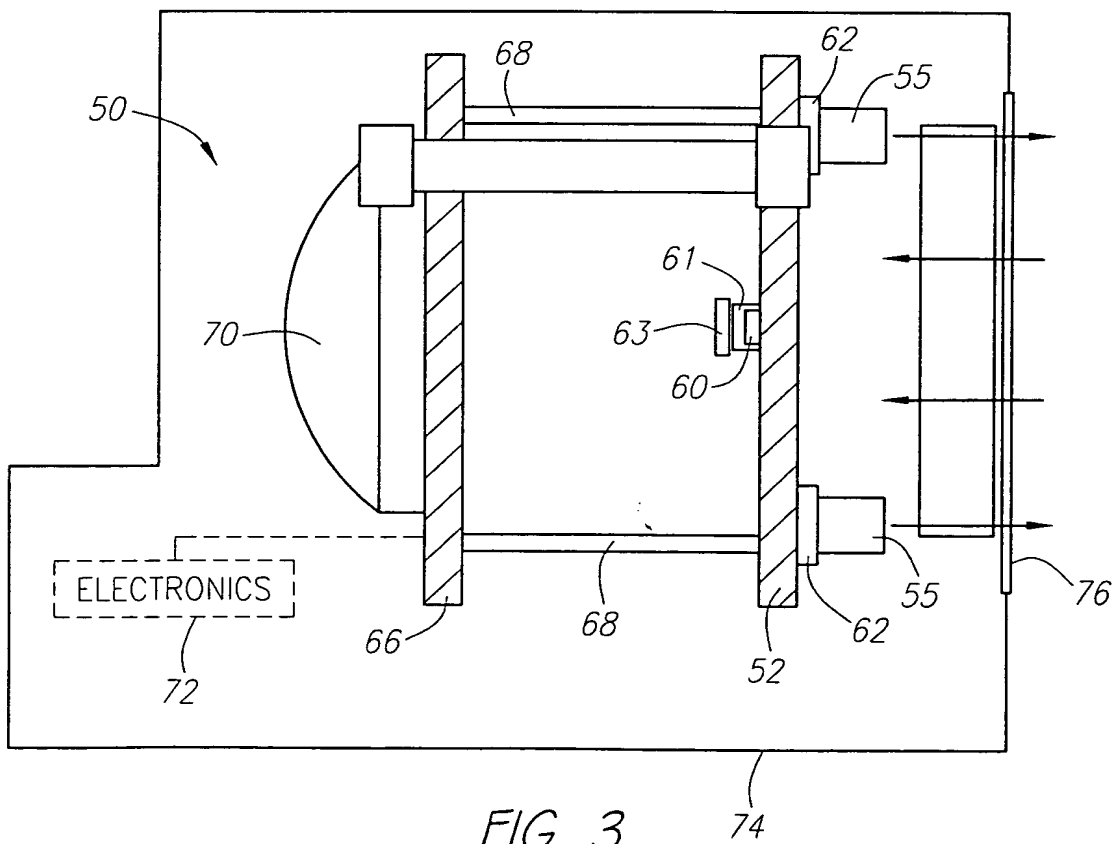


FIG. 3

03/14

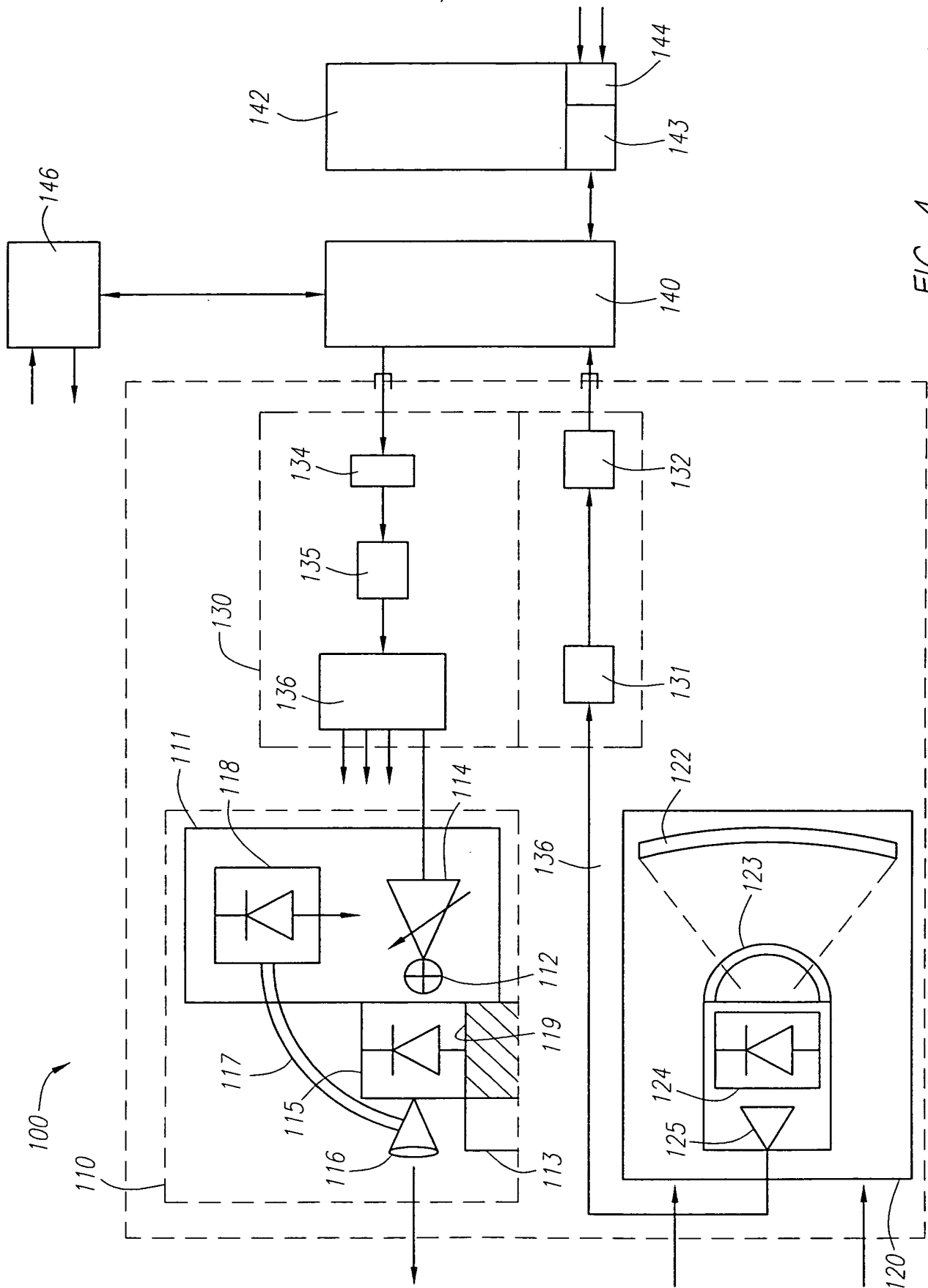


FIG. 4

04/14

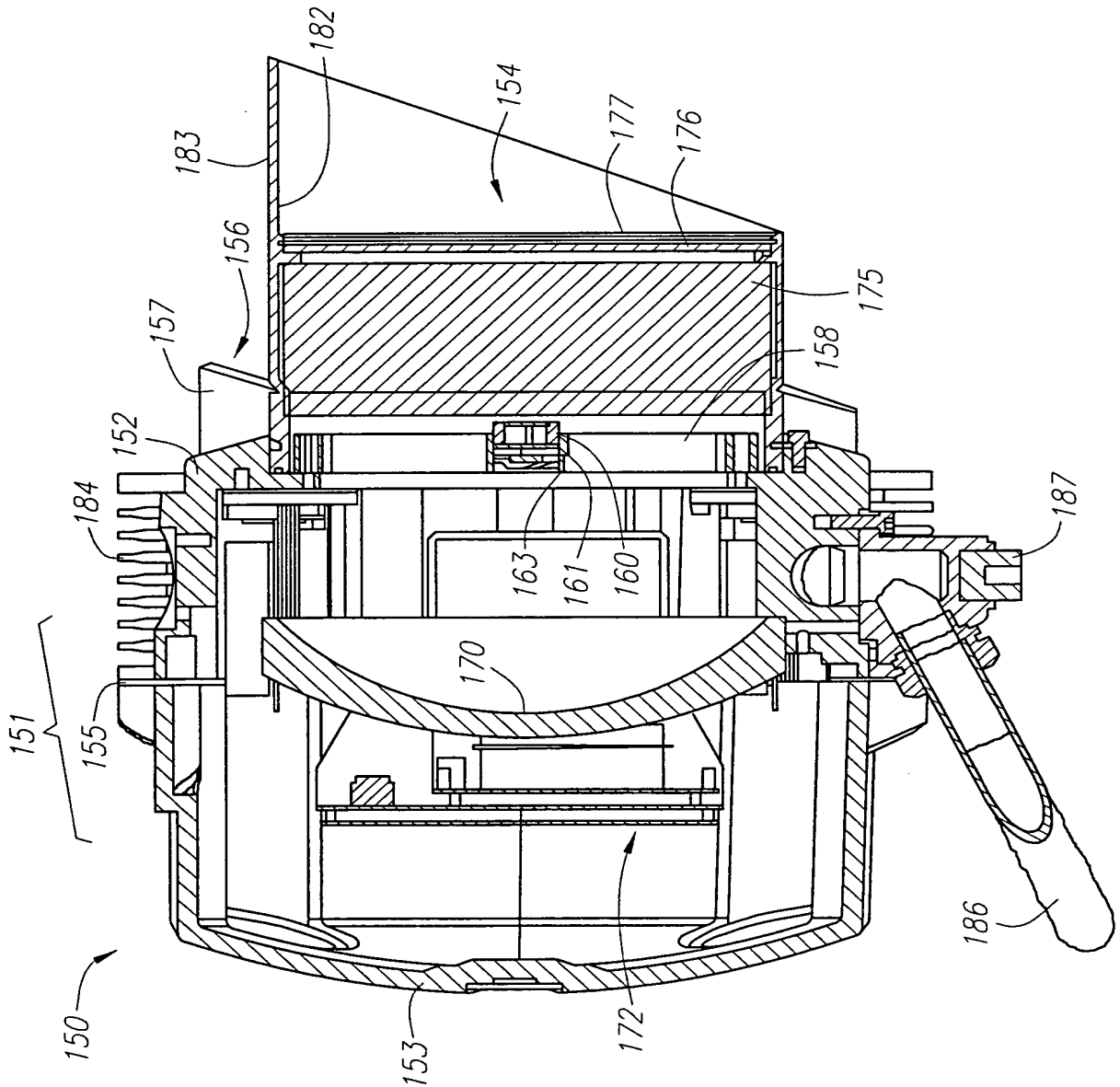


FIG. 5

05/14

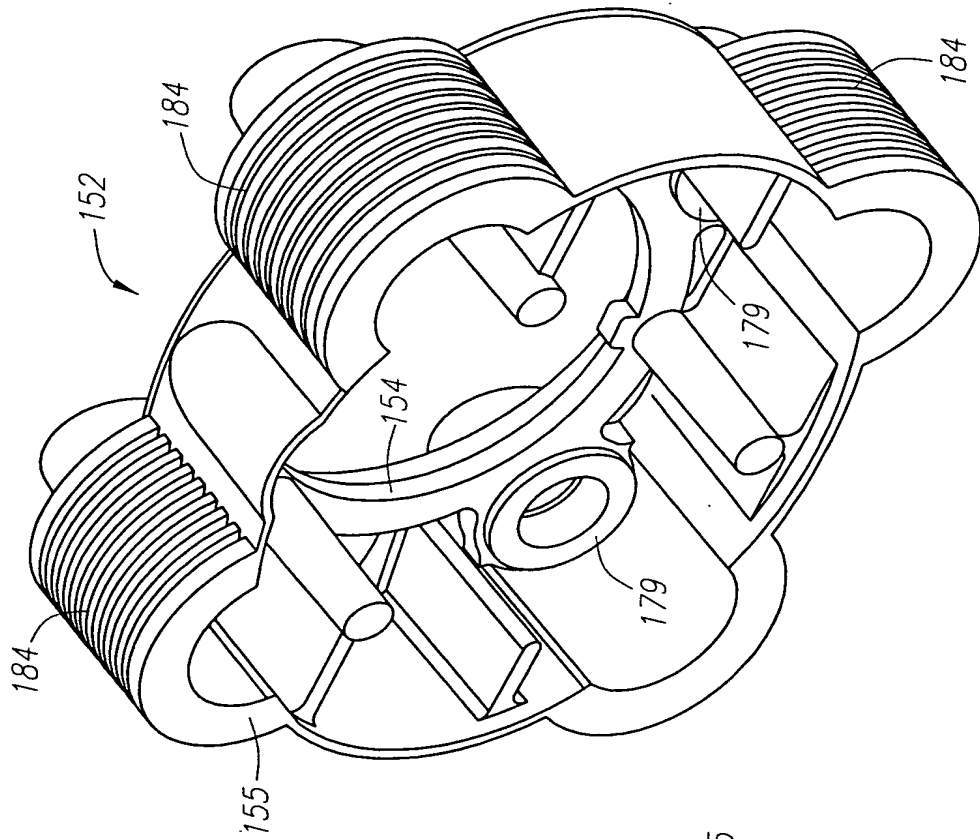


FIG. 6B

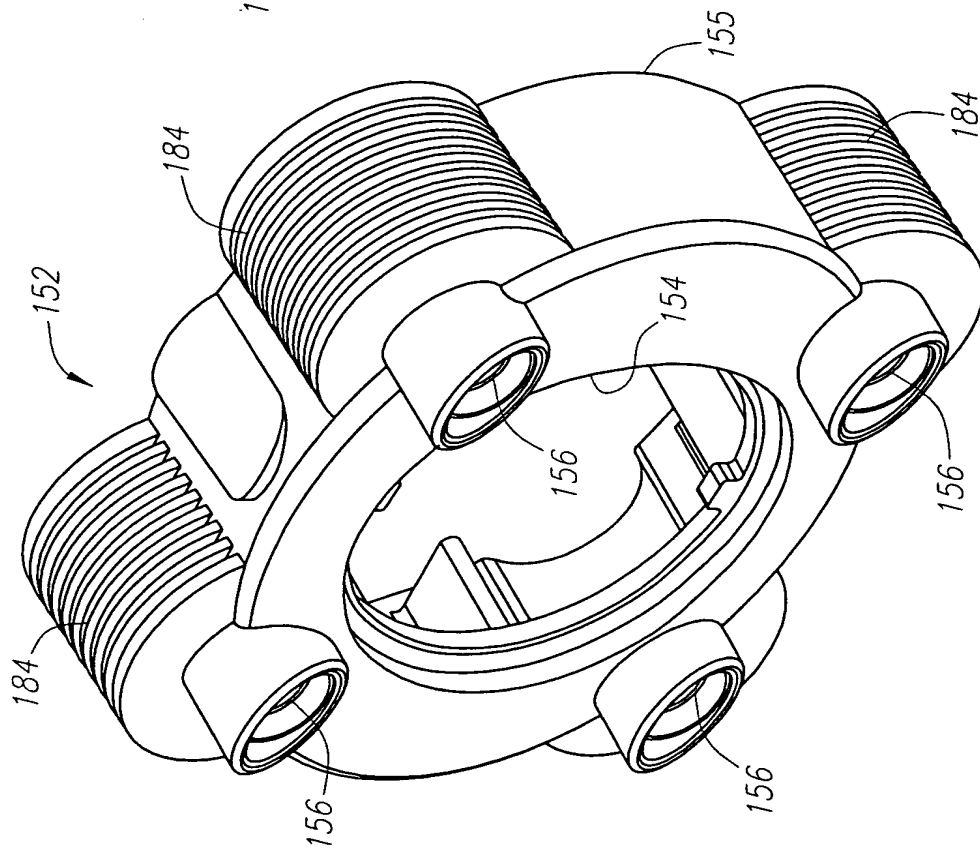


FIG. 6A

06/14

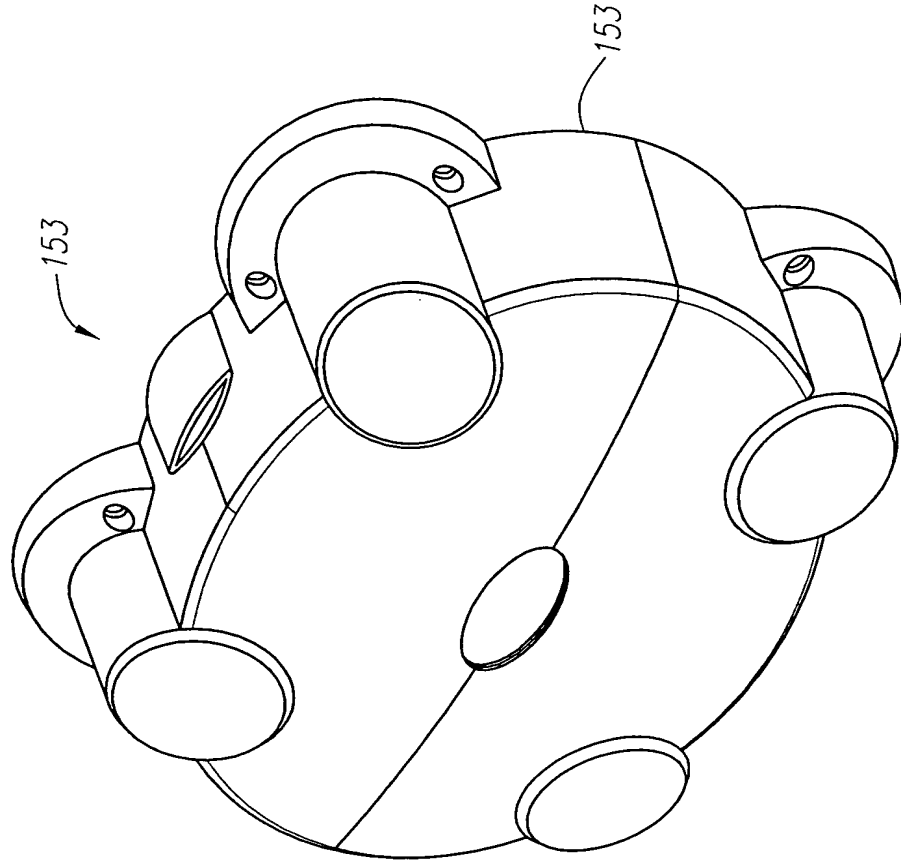


FIG. 7B

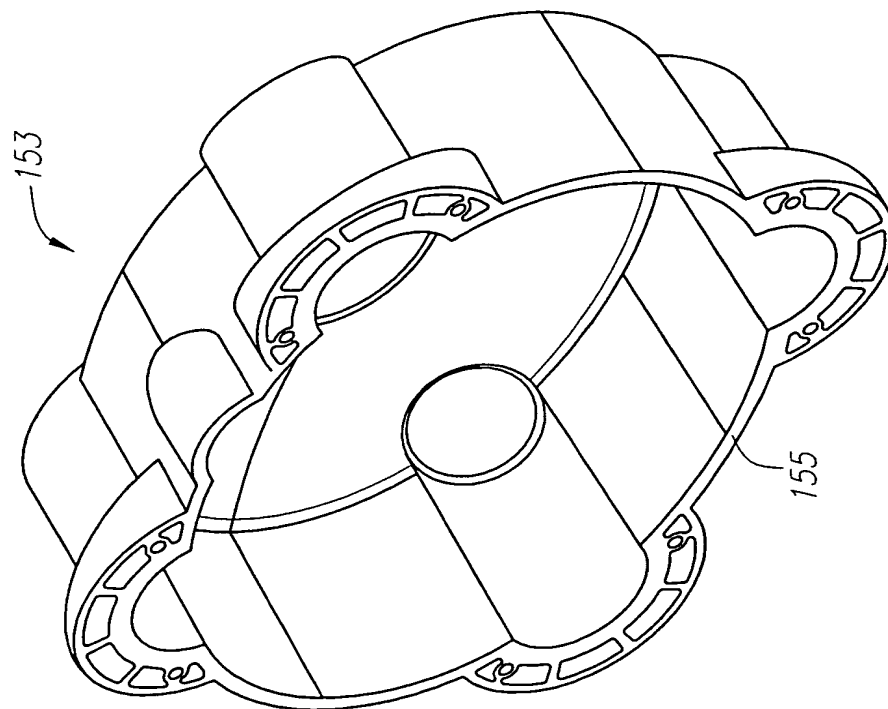


FIG. 7A

07/14

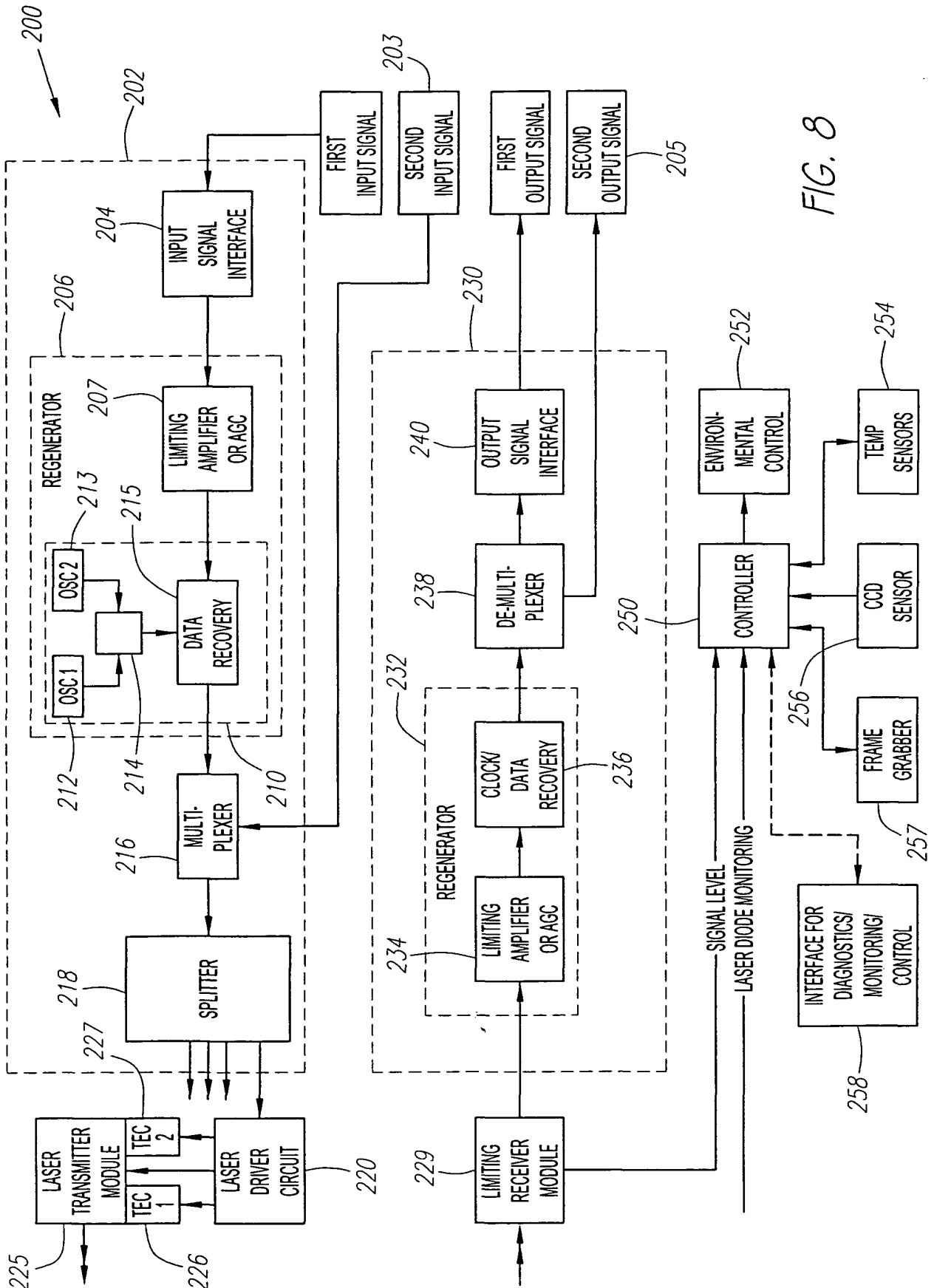


FIG. 8





09/14

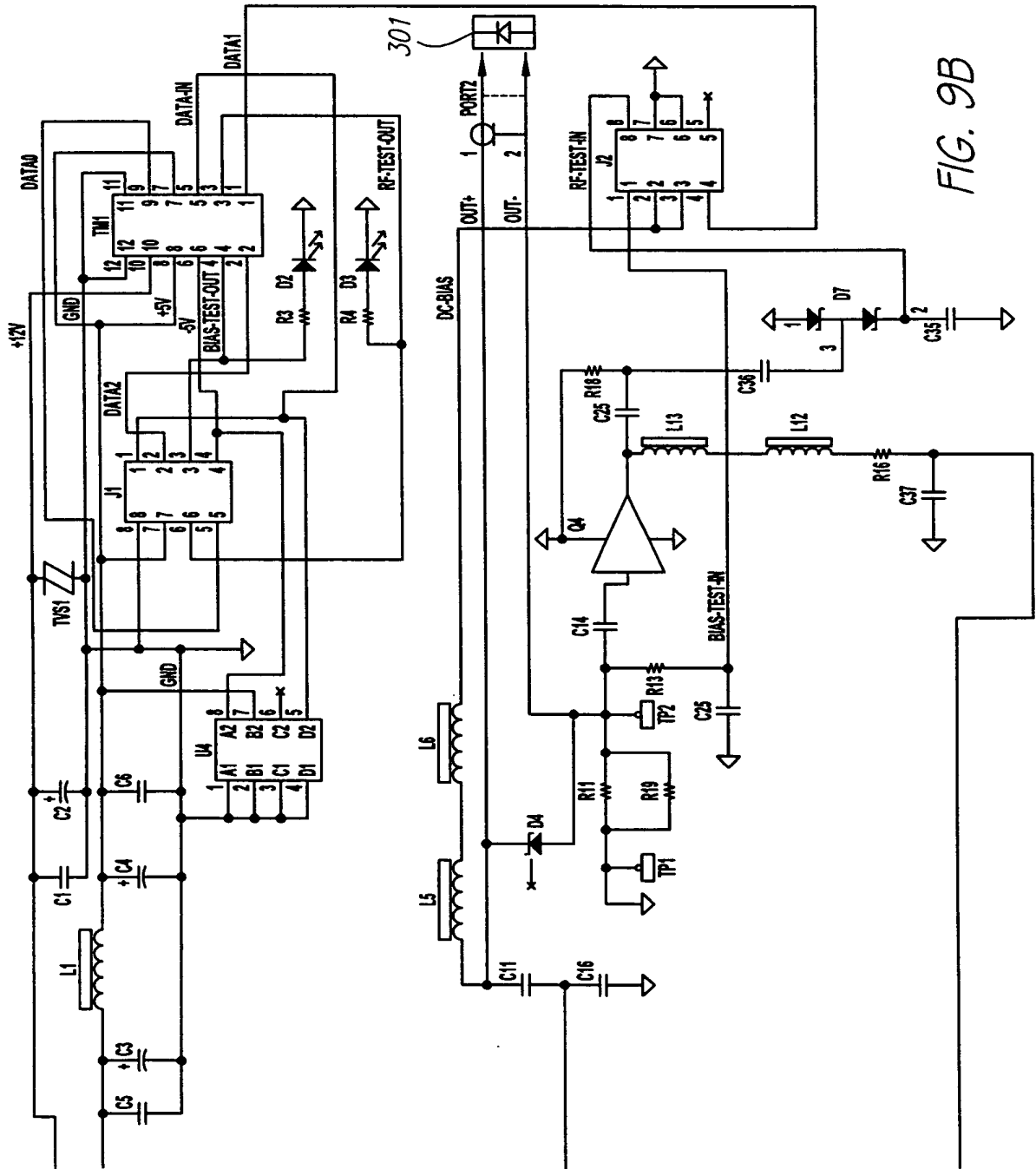


FIG. 9B

10/14

CIRCUIT COMPONENT DESIGNATIONS

R1	1.00k
R2	28.0
R3	499
R4	499
R5	412/0603
R6	5k/SM4W502
R7	261/0603
R8	91/1w
R9	255/0603
R10	249
R11	1.0/0.125w/1%
R13	1.00k
R15	4.7
R16	28.0
R17	100
R18	49.9
R19	1.0/0.125w/1%
R20	2.4/1w
R21	200/SM4W201
R22	750/0603
R23	1.00k
R25	205/0603
R26	1.52k/0603
L1	MI1206K900R-00
L2	HZ0805E601R-00
L3	18μH/0.2DCR
L4	560μH/125mA/11DCR
L5	MI1206K900R-00
L6	18μH/0.2DCR
L7	560μH/125mA/11DCR
L8	MI1206K900R-00
L9	HZ0805E601R-00
L10	HZ0805E601R-00
L11	HZ0805E601R-00
L12	560μH/125mA/11DCR
L13	HZ0805E601R-00

C1	0.1μF
C2	10μF/35V
C3	33μF/16V
C4	33μF/16V
C6	1nF
C7	1μF
C11	3.3μF
C13	0.1μF
C14	1μF
C15	1μF
C16	3pF/0603
C18	1μF
C19	0.1μF
C22	3pF/0603
C23	1μF
C24	3pF/0603
C25	1μF
C26	1μF
C29	100pF/0603
C30	100pF/0603
C31	100pF/0603
C32	0.1μF
C33	1μF
C34	4.7μF/16V
C35	0.1μF
C36	0.1μF
C37	0.1μF
C38	0.1μF
J1	WM18002-ND
J2	WM18002-ND
J3	WM18004-ND
U2	RF2420
U3	CD4051BCM
U4	TVS_4
U5	TVS_4

Q1	ERA-2SM
Q2	ERA-6SM
Q3	F2248
Q4	ERA-2SM
TP1	ED5043-ND
TP2	ED5043-ND
TM1	43045-1200
TM2	43045-0608
D1	6.8V/BZX64C6V8ZXCT-ND
D2	P521CT-ND
D3	P523CT-ND
D4	BATS4CT-ND
D5	
D6	
D7	MMBD452LT1
TVS1	SMAJ12CADICT-ND

FIG. 9C

11/14

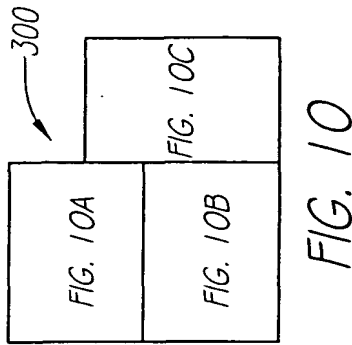
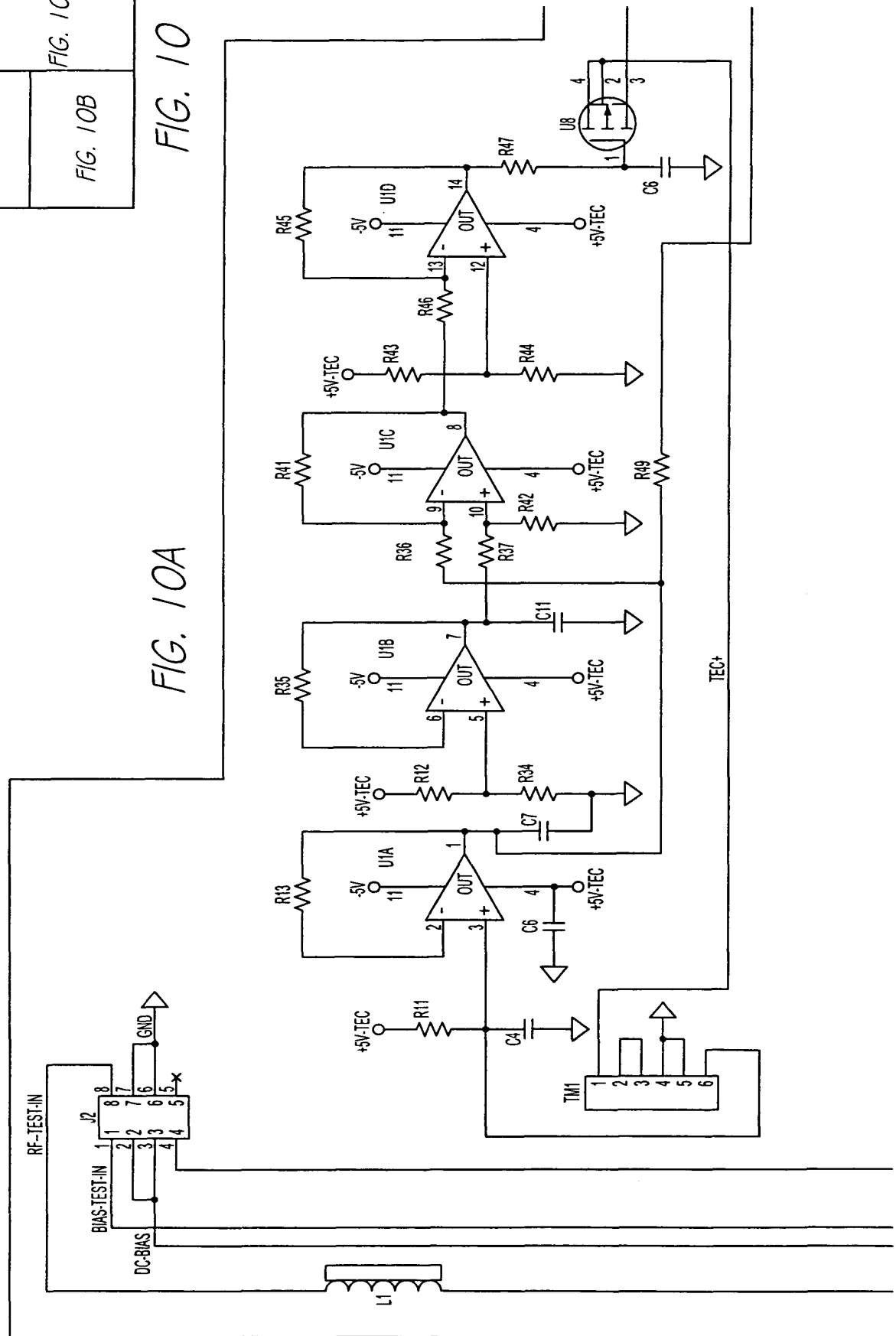
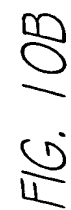


FIG. 10





13/14

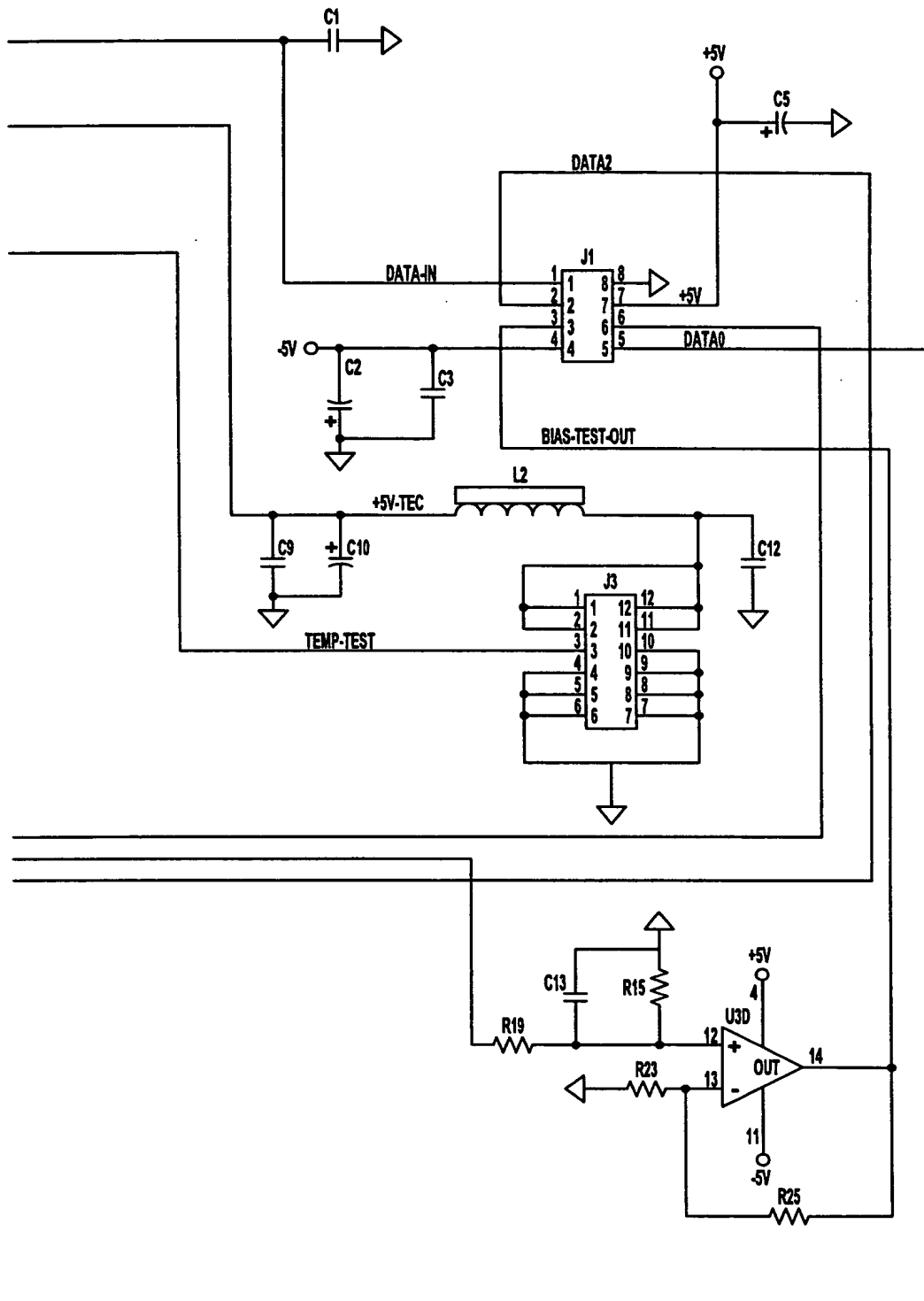


FIG. 10C

14/14

CIRCUIT COMPONENT DESIGNATIONS

R11	40.2k
R12	40.2k
R13	8.05k
R14	5.1/1w
R15	40.2k
R16	1.00k
R17	5k/SM4W502-ND
R18	1k/SM4W102-ND
R19	1.00k
R20	9.09k
R21	3.01k
R22	887/0603
R23	2.00k
R24	26.7k
R25	40.2k
R26	4.99k
R27	9.09k
R28	10.0k
R29	590/0603
R30	475/0603
R31	806/0603
R32	1.24k/0603
R33	2.74k/0603
R34	10.0k
R35	8.06k
R36	2.00k
R37	2.00k
R38	2.26k
R39	3.01k
R40	3.01k
R41	30.1k
R42	30.1k
R43	10.0k
R44	4.32k
R45	6.04k
R46	6.04k
R47	49.9k
R49	49.9

R50	10.0k/0603
R51	10.0k/0603
R52	10.0k/0603
L1	HZ0805E601R-00
L2	HI1206N101R-00
C1	1nF/0603
C2	4.7 $\mu$ F/16V
C3	0.1 $\mu$ F
C4	0.1 $\mu$ F
C5	33 $\mu$ F/16V
C6	0.1 $\mu$ F
C7	0.1 $\mu$ F
C8	1 $\mu$ F
C9	0.1 $\mu$ F
C10	33 $\mu$ F/16V
C11	0.1 $\mu$ F
C12	0.1 $\mu$ F
C13	1 $\mu$ F
C14	0.1 $\mu$ F
C15	1nF/0603
C21	1nF/0603
C22	1nF
C23	1nF
C24	1nF
C29	1 $\mu$ F
J1	WM18203-ND
J2	WM18203-ND
J3	WM18205

U1	LM2902M
U3	LM2902M
U4	NDT456P
U5	MAX4503EUK
U6	NDT456P
U7	CD4051BCM
U8	NDT456P
TM1	CON6
D1	6.8V/BZX84C6V8ZXCT

FIG. 10D